

Drawing No.
25

A detailed topographic map of the Iloilo area, showing a proposed route (thick black line) and various locations. The map includes contour lines, a compass rose, and a scale bar. Key locations labeled include Iloilo City, Cebu City, and various towns and villages. The route is marked with numbers 1 through 17, indicating specific points of interest or stations. The map also shows the coastline and surrounding water bodies.

Road Classification	Minor Road (Provincial Road)																
Total Length	19.2 km																
Sub-section No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Length (km)	.8	1.3	1.6	1.7	1.4	1.8	1.8	1.3	.9	.7	.8	.4	.7	.7	1.5	1.4	.4
Terrain	Rolling	Rolling	Rolling	Flat	Mt'nous	Flat	Flat	Mt'nous	Rolling	Mt'nous	Rolling	Mt'nous	Rolling	Mt'nous	Rolling	Mt'nous	Mt'nous
Existing Road Surface	6.0-PCC (Good)	6.0-PCC (Good)	6.0-GRV (Bad)	6.0-GRV (Bad)	4.5-GRV (Bad)	5.5-GRV (Fair)	3.8-EAR (Bad)	4.3-EAR (V.Bad)	4.0-EAR (Bad)	3.7-EAR (V.Bad)	3.4-EAR (Bad)	3.2-EAR (Bad)	3.2-EAR (V.Bad)	3.2-EAR (V.Bad)	2.8-EAR (V.Bad)	3.0-EAR (V.Bad)	2.4-EAR (V.Bad)
Proposed Improvement	-	-	Rehabil.	Rehabil.	Rehabil.	Widening	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1
Improvement Type	-	-	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type	-	-	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Carriageway Width(m)	-	-	.5	1.0	.5	1.0	1.0	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
Shoulder Width (m)	-	-	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 4-4	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8
Ref. Typical Section	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Special Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Steep Section Length	-	-	-	-	-	-	-	-	-	-	-	100	-	200	-	100	-
Bridge No.	BR-1	BR-2	BR-3	BR-4	BR-5												
Existing Type	Bailey	Spillway	Ford-Cr.	Ford-Cr.	Ford-Cr.												
Length (m)	20	17	-	-	-												
Proposed Type	-	-	2Lane-Sp	2Lane-Sp	2cell-BC												
Length (m)	-	-	12	10	8												
No. of Spans	-	-	-	-	2												

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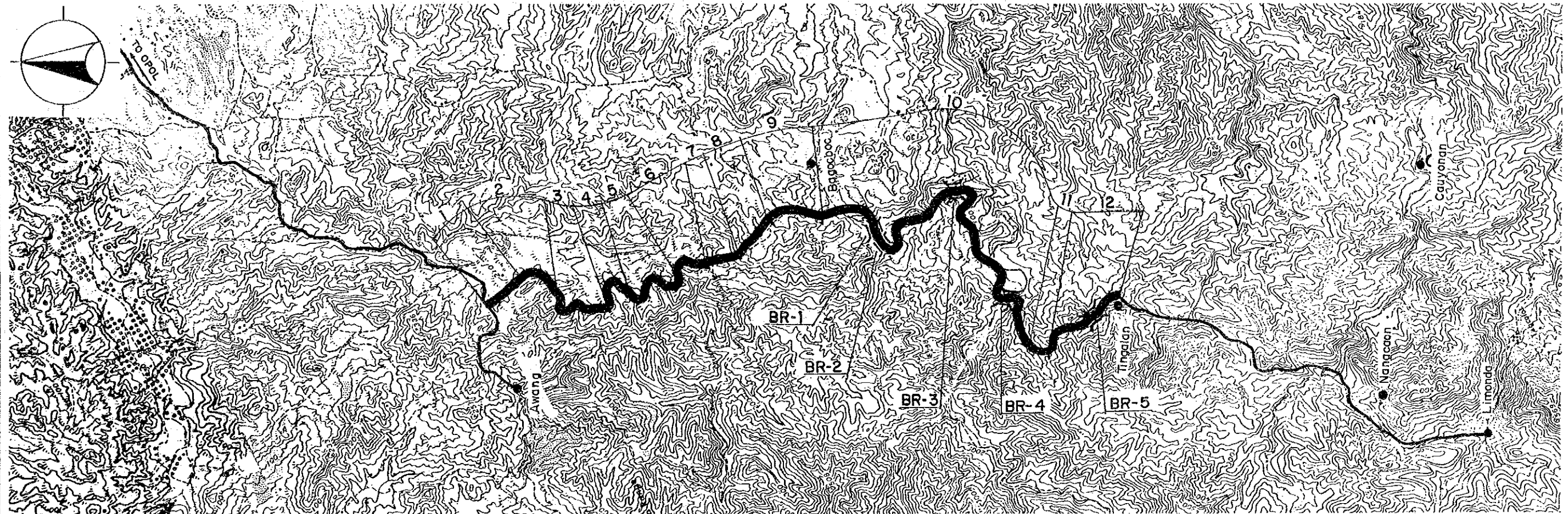
**THE FEASIBILITY STUDY ON THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES**

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
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Drawing No.
27

Road No: P39 Road Name: BASAK-TINGALAN ROAD
Location : OPOL, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)											
Total Length	16.2 km											
Sub-section No.	1	2	3	4	5	6	7	8	9	10	11	12
Length (km)	.7	.5	1.1	.9	1.9	1.0	.5	.6	.7	6.3	.3	1.7
Terrain	Flat	Flat	Mt'nous	Flat	Mt'nous	Mt'nous	Rolling	Mt'nous	Rolling	Mt'nous	Rolling	Rolling
Existing Road Surface	2.4-GRV (Bad)	2.4-EAR (V.Bad)	2.4-EAR (V.Bad)	2.6-GRV (Bad)	3.4-GRV (Bad)	3.0-EAR (Bad)	2.4-EAR (Bad)	2.4-EAR (Bad)	2.4-EAR (V.Bad)	2.4-EAR (V.Bad)	2.5-EAR (V.Bad)	2.5-EAR (V.Bad)
Proposed Improvement	Rehabil.	Impr.-1	Impr.-1	Rehabil.	Rehabil.	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width. (m)	1.0	1.0	.5	1.0	.5	.5	.5	.5	.5	.5	.5	.5
Ref. Typical Section	TYPE 1-6	TYPE 2-8	TYPE 2-8	TYPE 1-6	TYPE 1-6	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8
Special Treatment												
Steep Section Length	-	-	-	-	100	-	-	-	-	200	-	-
Bridge No.	BR-1	BR-2	BR-3	BR-4	BR-5							
Existing Type	Ford-Cr.	Ford-Cr.	Ford-Cr.	Ford-Cr.	Ford-Cr.							
Length (m)	-	-	-	-	-							
Proposed Type	2Lane-Sp	2Lane-Sp	2cell-BC	2Lane-Sp	2Lane-Sp							
Length (m)	25	25	10	15	15							
No. of Spans	-	-	2	-	-							

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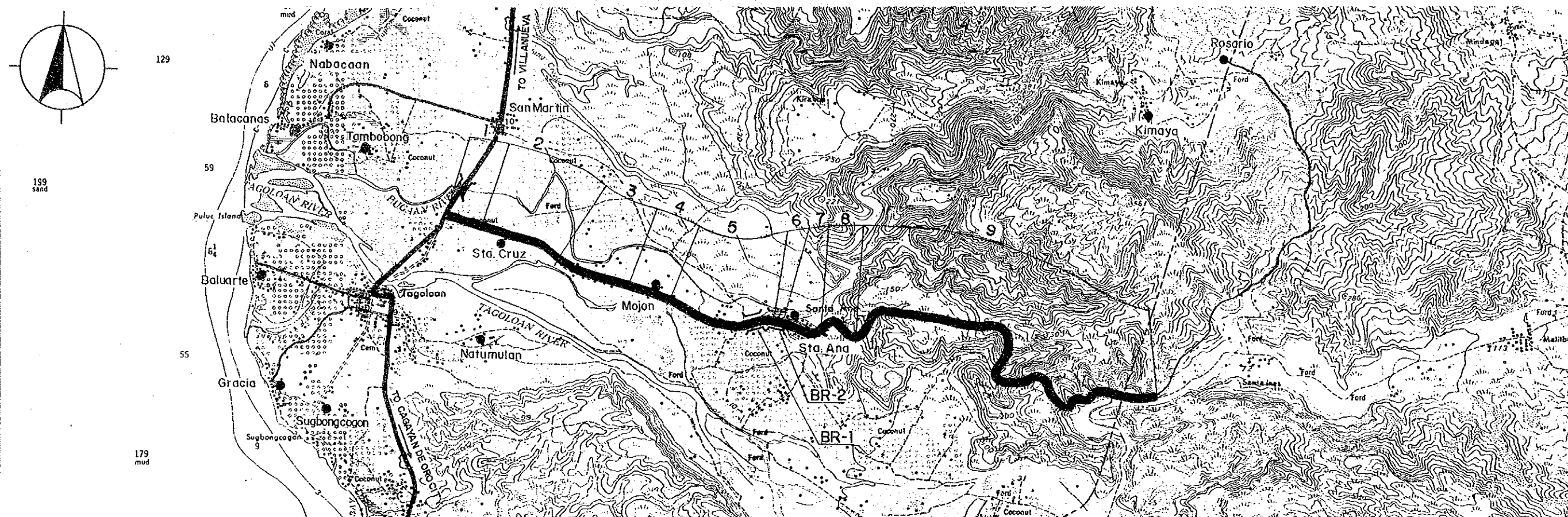
Drawing No.

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Road No: P44

Road Name: STA. CRUZ-STA. ANA-MALITBOG ROAD

Location: TAGOLOAN, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)								
Total Length	9.6 km								
Sub-section No.	1	2	3	4	5	6	7	8	9
Length (km)	.4	1.0	.9	.5	1.3	.1	.5	.5	4.4
Terrain	Flat	Flat	Flat	Flat	Flat	Flat	Flat	Rolling	Mt'nous
Existing Road Surface	6.2-BTM (V.Bad)	6.0-BTM (Fair)	6.0-GRV (Fair)	6.5-BTM (Fair)	6.0-GRV (Fair)	6.0-PCC (Good)	4.5-GRV (Bad)	4.5-GRV (Bad)	4.0-GRV (V.Bad)
Proposed Improvement	Rehabil.	-	-	-	-	-	Rehabil.	Rehabil.	Rehabil.
Improvement Type	* BMP	-	-	-	-	-	Gravel	Gravel	Gravel
Surface Type	6.0	-	-	-	-	-	6.0	6.0	6.0
Carriageway Width(m)	1.5	-	-	-	-	-	1.0	.5	.5
Shoulder Width (m)	TYPE 1-5	-	-	-	-	-	TYPE 1-6	TYPE 1-6	TYPE 1-6
Ref. Typical Section	-	-	-	-	-	-	-	-	500
Special Treatment	-	-	-	-	-	-	-	-	-
Slope Protection (Cut Slope)	-	-	-	-	-	-	-	-	-
Bridge No.	BR-1	BR-2	-	-	-	-	-	-	-
Existing Type	Concrete	Bailey	-	-	-	-	-	-	-
Length (m)	38	24	-	-	-	-	-	-	-
Proposed Type	-	-	-	-	-	-	-	-	-
Length (m)	-	-	-	-	-	-	-	-	-
No. of Spans	-	-	-	-	-	-	-	-	-

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

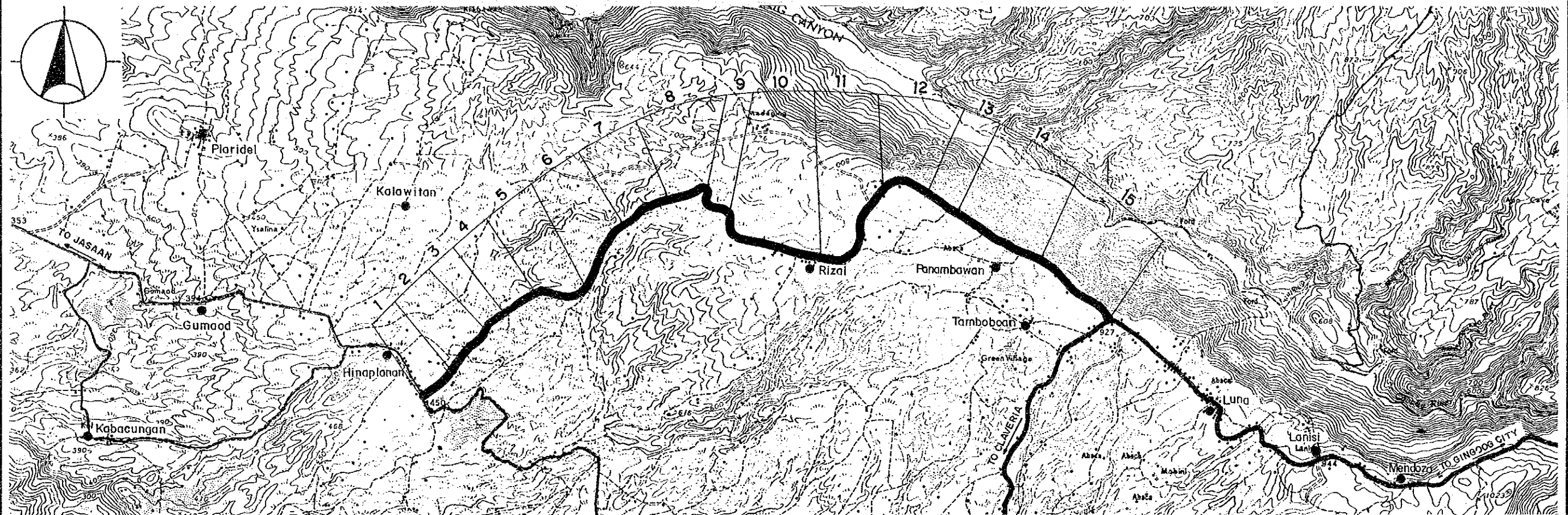
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1:50,000

Drawing No.
29

Road No: P46 Road Name: JCT. HINAPLANAN-TAMBOBOAN ROAD
Location : CLAVERIA, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)														
Total Length	11.3 km														
Sub-section No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length (km)	.5	.7	.3	.4	.7	.8	.6	.6	.4	1.6	1.4	.6	.4	1.2	1.1
Terrain	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Flat
Existing Road Surface	2.8-GRV (V.Bad)	2.8-GRV (Impass)	2.4-GRV (Impass)	2.8-GRV (V.Bad)	2.0-GRV (Impass)	2.8-GRV (V.Bad)	2.4-GRV (V.Bad)	2.8-GRV (V.Bad)	2.4-GRV (V.Bad)	3.0-GRV (V.Bad)	3.2-GRV (V.Bad)	2.8-GRV (Bad)	2.4-GRV (Bad)	3.5-GRV (Bad)	3.5-GRV (Bad)
Proposed Improvement	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.
Improvement Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	1.0
Ref. Typical Section	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6
Special Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Steep Section Length	-	-	90	-	-	-	-	-	-	-	-	180	120	-	-

Drawing No.

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Road Classification		Minor Road (Provincial Road)															
Total Length		21.5 km															
Sub-section No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length (km)		.1	.5	2.7	.7	1.0	1.1	.6	1.2	1.0	3.6	1.4	.9	1.2	.7	1.7	3.1
Terrain		Rolling	Rolling	Rolling	Rolling	Mt'nous	Mt'nous	Mt'nous	Mt'nous	Rolling	Rolling	Rolling	Flat	Mt'nous	Rolling	Mt'nous	Rolling
Existing Road Surface		6.0-PCC (Good)	5.0-GRV (Bad)	3.3-GRV (Bad)	4.0-GRV (V.Bad)	4.0-GRV (Bad)	3.6-GRV (V.Bad)	3.8-GRV (V.Bad)	3.2-GRV (V.Bad)	2.8-GRV (V.Bad)	3.8-GRV (V.Bad)	4.0-GRV (V.Bad)	4.0-GRV (V.Bad)	3.8-GRV (Bad)	3.2-GRV (Bad)	3.2-EAR (V.Bad)	3.8-GRV (Bad)
Proposed Improvement																	
Improvement Type		-	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Impr.-1	Rehabil.
Surface Type		-	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Carriageway Width(m)		-	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)		-	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	1.0	.5	.5	.5	.5
Ref. Typical Section		-	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 2-8	TYPE 1-6
Special Treatment																	
Steep Section Length		-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-
Slope Protection (Cut Slope)		-	-	-	-	40	-	-	-	-	-	-	-	-	-	-	-
Bridge No.		BR-1	BR-2														
Existing Type		Spillway Concrete															
Length (m)		15	15														
Proposed Type		-	-														
Length (m)		-	-														
No. of Spans		-	-														

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PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale

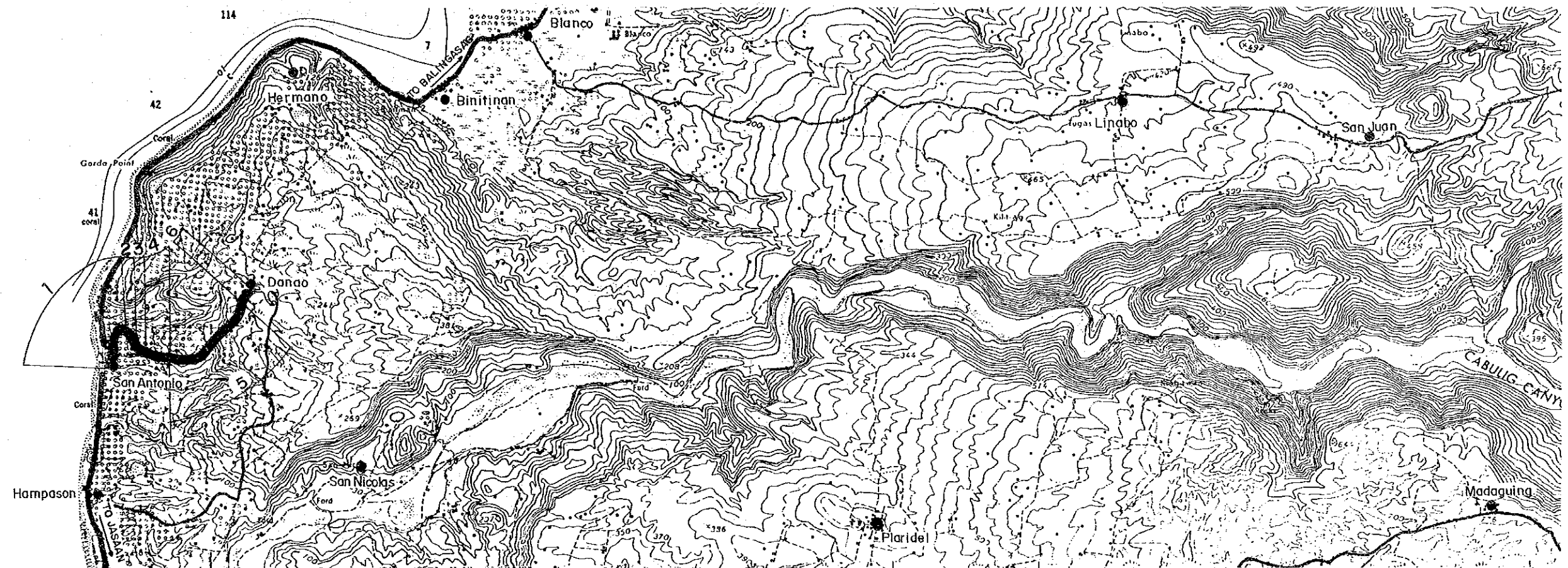
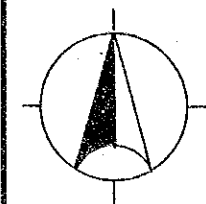
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Drawing No.

31

Road No: P49

Road Name: SAN ANTONIO-DANAO ROAD
Location: JASAAN, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)					
Total Length	2.2 km					
Sub-section No.	1	2	3	4	5	6
Length (km)	.5	.1	.1	.2	1.2	.1
Terrain	Mt'nous	Mt'nous	Mt'nous	Mt'nous	Mt'nous	Mt'nous
Existing Road Surface	2.7-GRV (V.Bad)	4.2-PCC (Fair)	2.4-GRV (V.Bad)	2.1-PCC (Fair)	2.6-GRV (V.Bad)	4.0-PCC (Good)
Proposed Improvement	Rehabil.		Impr.-1	Widening	Rehabil.	Widening
Improvement Type	Widening				Widening	
Surface Type	Gravel		PCC	PCC	Gravel	PCC
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	.5	1.0	1.0	1.0	.5	1.0
Ref. Typical Section	TYPE 1-6	TYPE 4-1	TYPE 2-2	TYPE 4-1	TYPE 1-6	TYPE 4-1
Special Treatment						
Steep Section Length	150	-	-	-	-	-

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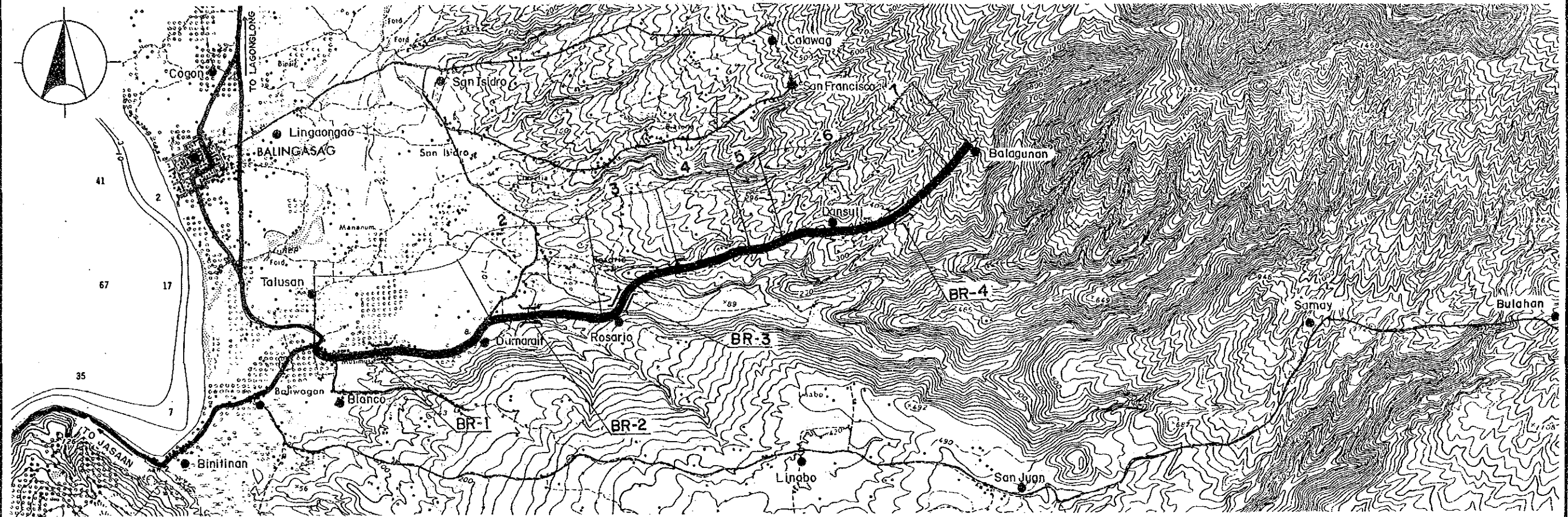
Drawing No.

32

Road No: P51

Road Name: MUSIMUSI-ROSARIO-BALAGUAN ROAD

Location: BALINGASAG, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)						
Total Length	8.8 km						
Sub-section No.	1	2	3	4	5	6	7
Length (km)	2.3	1.3	1.3	.9	.4	2.3	.3
Terrain	Flat	Flat	Rolling	Mt'nous	Rolling	Mt'nous	Mt'nous
Existing Road Surface	3.6-GRV (Bad)	3.0-GRV (Fair)	3.0-GRV (Bad)	2.4-GRV (V.Bad)	2.4-GRV (Bad)	2.6-EAR (V.Bad)	3.2-EAR (V.Bad)
Proposed Improvement	Rehabil.	Widening	Rehabil.	Rehabil.	Rehabil.	Impr.-1	Impr.-1
Improvement Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	1.0	1.0	.5	.5	.5	.5	.5
Ref. Typical Section	TYPE 1-6	TYPE 4-4	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 2-8	TYPE 2-8
Special Treatment	-	-	100	100	-	100	-
Steep Section Length	-	-	100	100	-	100	-
Bridge No.	BR-1	BR-2	BR-3	BR-4			
Existing Type	Concrete	Spillway	Spillway	RCBC			
Length (m)	12	40	20	5			
Proposed Type	-	-	-	-			
Length (m)	-	-	-	-			
No. of Spans	-	-	-	-			

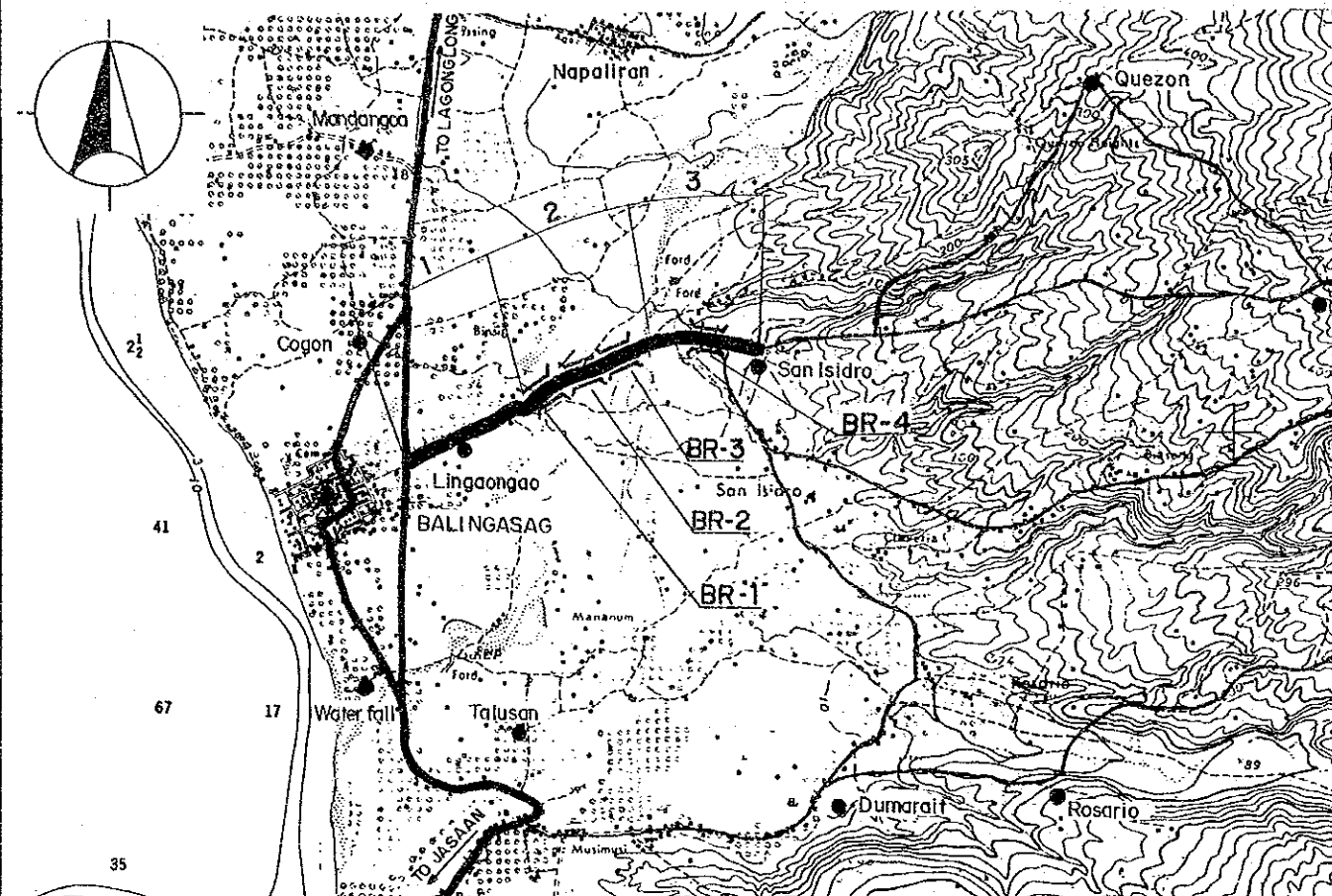
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PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
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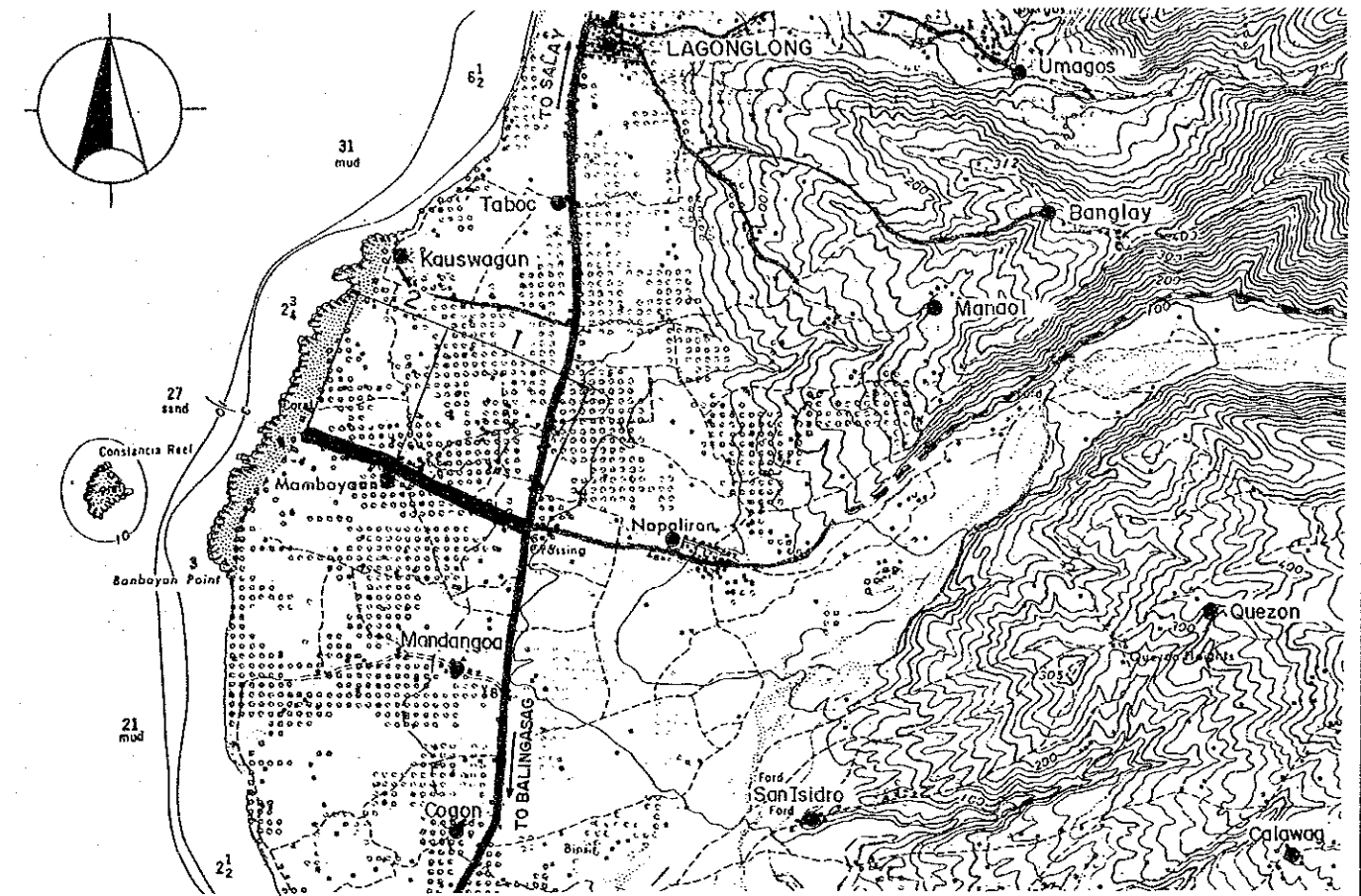
Drawing No.
33

Road No: P53 Road Name: BALINGASAG-SAN ISIDRO ROAD
Location : BALINGASAG, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)			
Total Length	2.8 km			
Sub-section No.	1	2	3	
Length (km)	1.0	1.0	.8	
Terrain	Flat	Flat	Flat	
Existing Road Surface	6.0-GRV (Fair)	6.0-PCC (Good)	4.5-GRV (Bad)	
Proposed Improvement				
Improvement Type	Rehabil.	-	Rehabil.	
Surface Type	Gravel	-	Gravel	
Carriageway Width(m)	6.0	-	6.0	
Shoulder Width (m)	1.0	-	1.0	
Ref. Typical Section	TYPE 1-6	-	TYPE 1-6	
Bridge No.	BR-1	BR-2	BR-3	BR-4
Existing Type	Spillway	Spillway	Spillway	RCBC
Length (m)	107	8	98	8
Proposed Type	-	-	-	-
Length (m)	-	-	-	-
No. of Spans	-	-	-	-

Road No: P55 Road Name: JUNCTION-MAMBAYAAN ROAD
Location : BALINGASAG, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)	
Total Length	1.7 km	
Sub-section No.	1	2
Length (km)	1.0	.7
Terrain	Flat	Flat
Existing Road Surface	4.0-GRV (Fair)	2.8-GRV (V.Bad)
Proposed Improvement		
Improvement Type	Widening	Rehabil.
Surface Type	Gravel	Gravel
Carriageway Width(m)	6.0	6.0
Shoulder Width (m)	1.0	1.0
Ref. Typical Section	TYPE 4-4	TYPE 1-6

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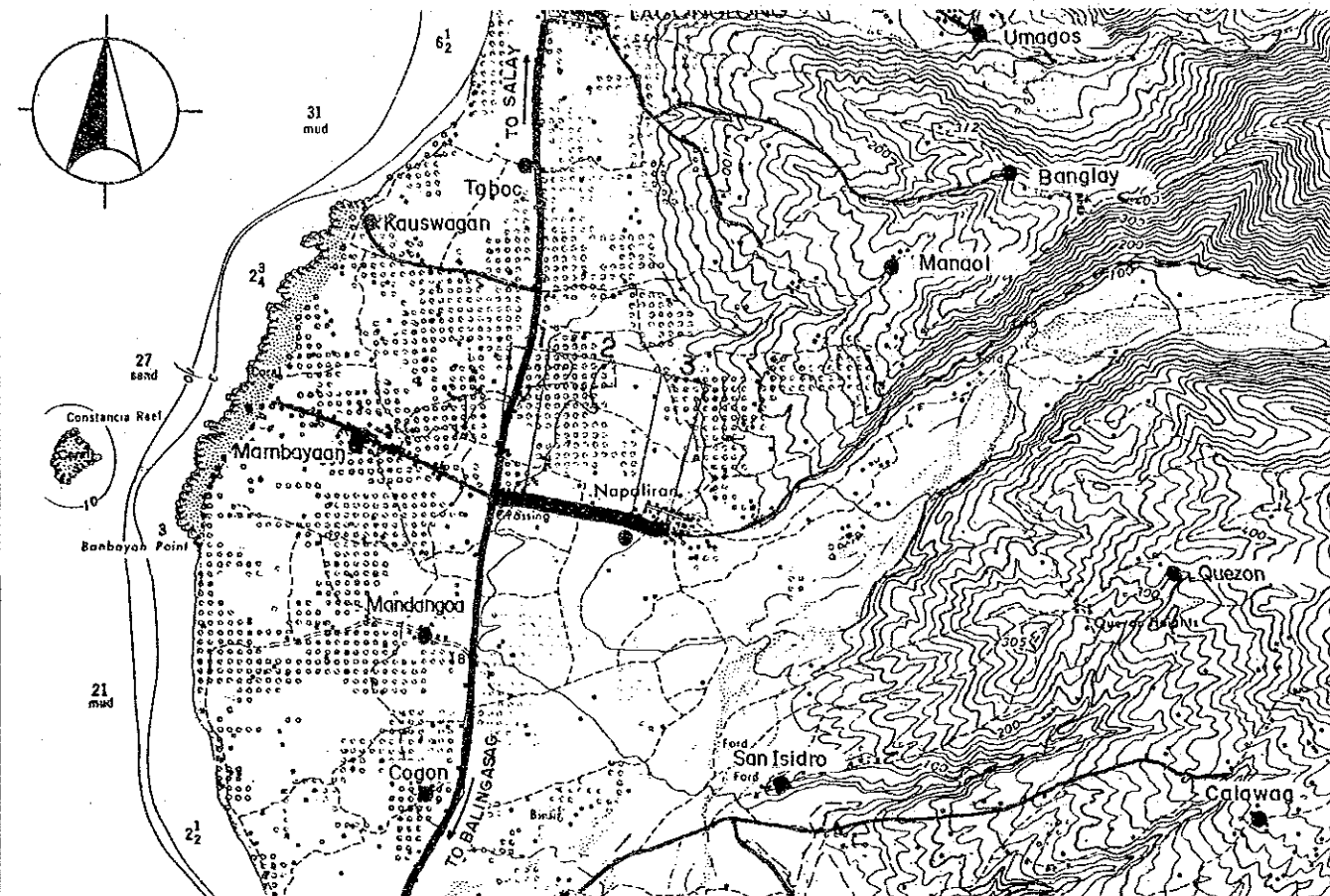
Drawing No.

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Road No: P56

Road Name: JUNCTION-NAPALIRAN ROAD

Location : BALINGASAG, MISAMIS ORIENTAL



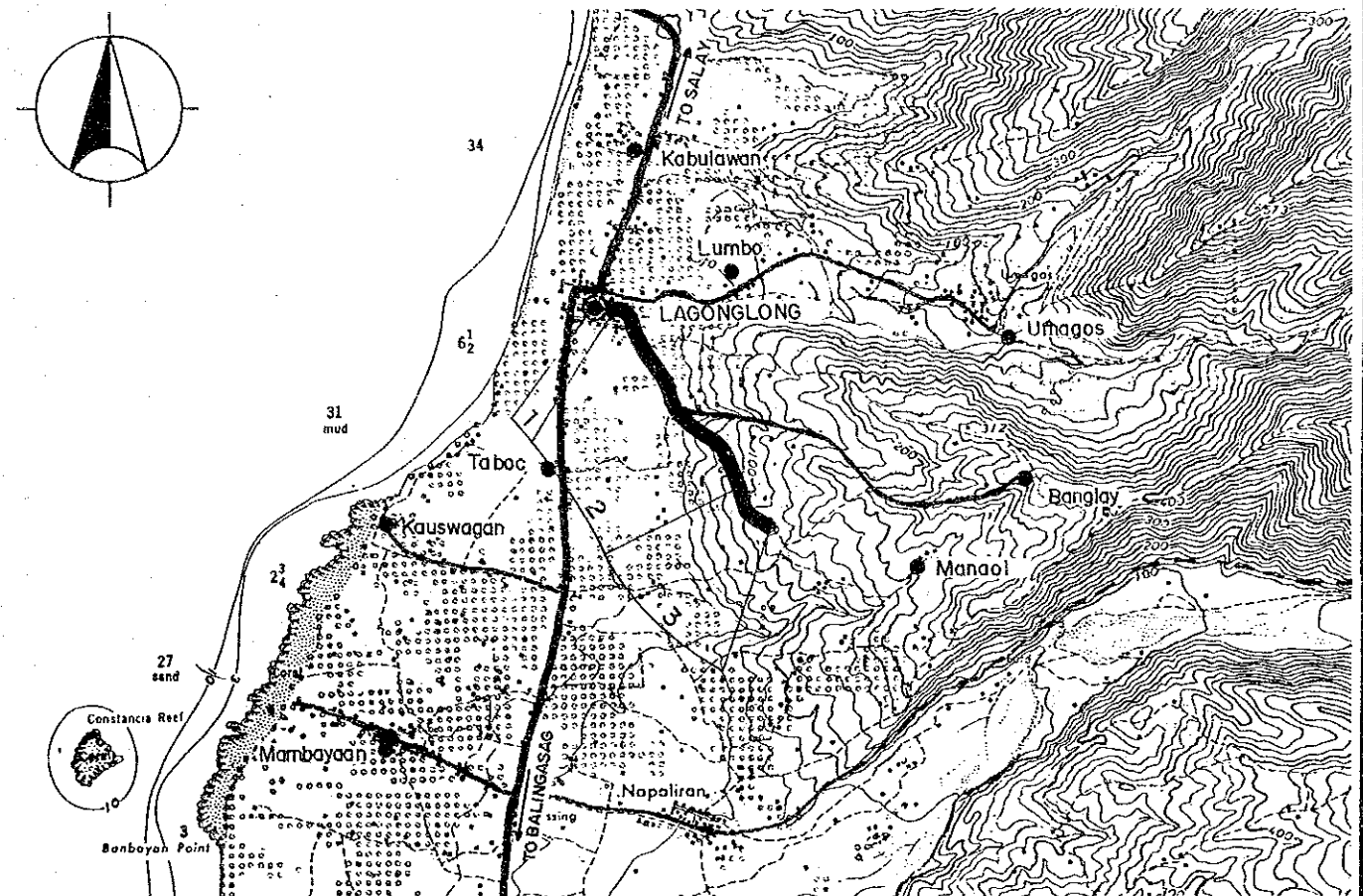
Road Classification Total Length	Minor Road(Provincial Road) 1.2 km		
Sub-section No.	1	2	3
Length (km)	.2	.8	.2
Terrain	Flat	Flat	Flat
Existing Road Surface	3.2-GRV (Fair)	4.0-BTM (V.Bad)	3.2-GRV (Fair)
Proposed Improvement			
Improvement Type	Widening	Rehabil.	Widening
Surface Type	Gravel	* BMP	Gravel
Carriageway Width(m)	6.0	6.0	6.0
Shoulder Width (m)	1.0	1.5	1.0
Ref. Typical Section	TYPE 4-4	TYPE 1-5	TYPE 4-4

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

Road No: P59

Road Name: LAGONGLONG-SAPONG ROAD

Location : LAGONGLONG, MISAMIS ORIENTAL



Road Classification Total Length	Minor Road(Provincial Road) 2.1 km		
Sub-section No.	1	2	3
Length (km)	.1	1.6	.4
Terrain	Flat	Flat	Rolling
Existing Road Surface	5.1-BTM (Bad)	5.0-PCC (Good)	3.9-GRV (Bad)
Proposed Improvement			
Improvement Type	Impr.-1	Widening	Rehabil.
Surface Type	PCC	PCC	Gravel
Carriageway Width(m)	6.0	6.0	6.0
Shoulder Width (m)	1.5	1.5	.5
Ref. Typical Section	TYPE 2-1	TYPE 4-1	TYPE 1-6

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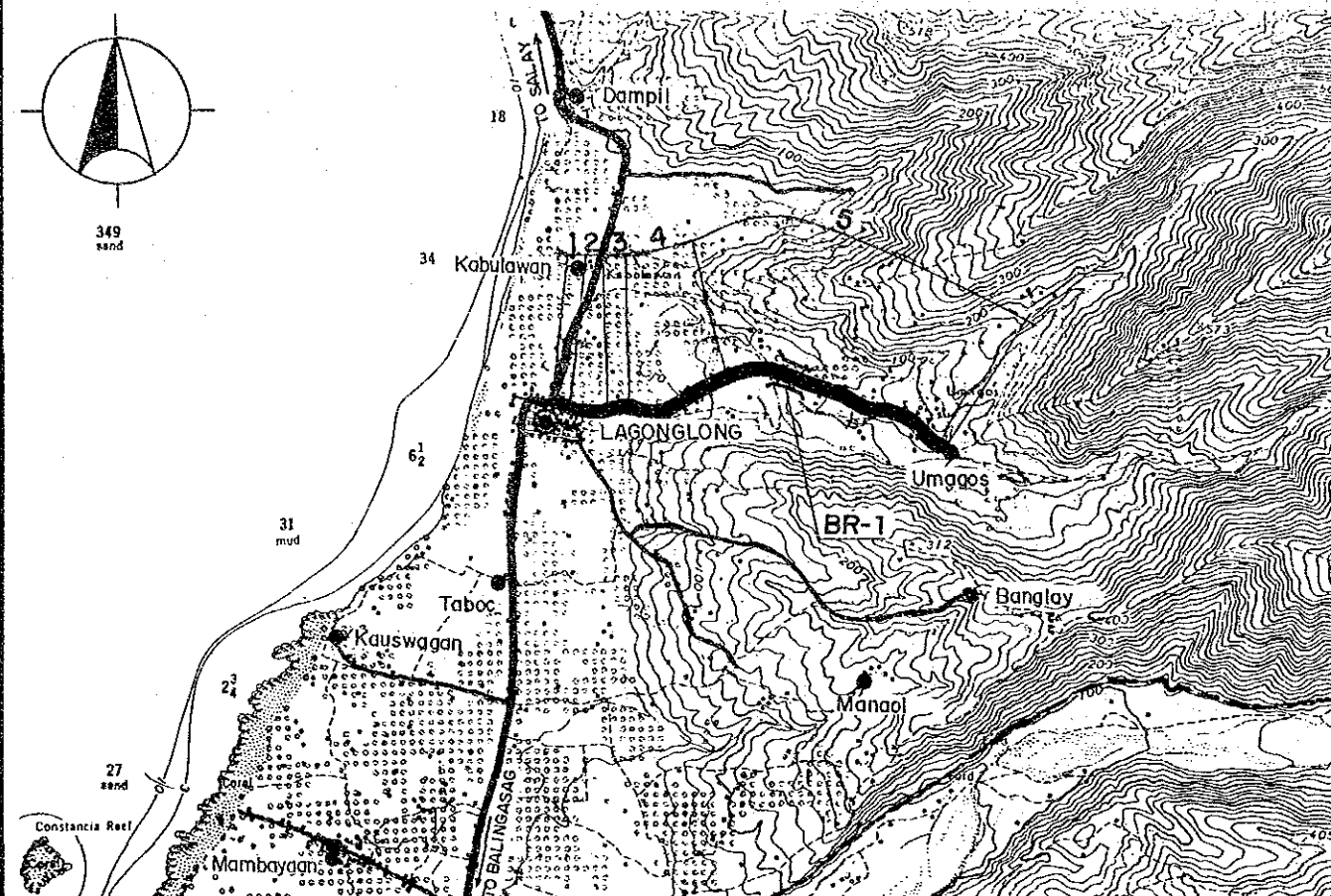
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Drawing No.
35

Road No: P60

Road Name: LAGONGLONG-UMAGOS ROAD

Location: LAGONGLONG, MISAMIS ORIENTAL



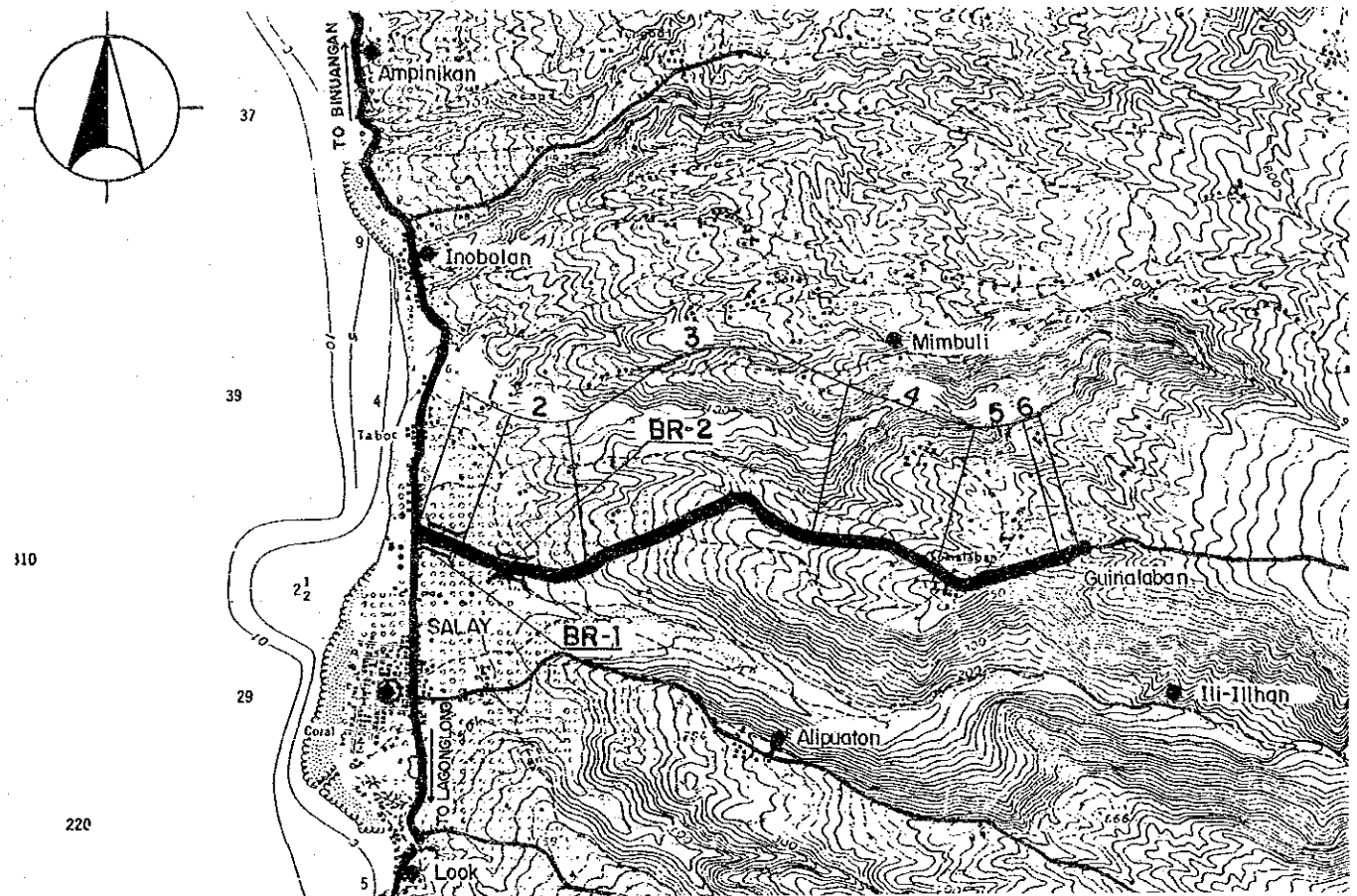
Road Classification	Minor Road (Provincial Road)				
Total Length	3.0 km				
Sub-section No.	1	2	3	4	5
Length (km)	.1	.3	.1	.8	1.7
Terrain	Flat	Flat	Flat	Flat	Flat
Existing Road Surface	4.7-BTM (Fair)	5.0-PCC (Good)	3.6-GRV (Bad)	4.0-BTM (Bad)	3.1-GRV (Bad)
Proposed Improvement	Widening	Widening	Rehabil.	Rehabil.	Rehabil.
Improvement Type	* BMP	PCC	Gravel	* BMP	Gravel
Surface Type					
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	1.5	1.5	1.0	1.5	1.0
Ref. Typical Section	TYPE 4-3	TYPE 4-1	TYPE 1-6	TYPE 1-5	TYPE 1-6
Special Treatment					
Steep Section Length	-	-	-	-	100
Bridge No.	BR-1				
Existing Type	Ford-Cr.				
Length (m)	-				
Proposed Type	2Lane-Sp				
Length (m)	60				
No. of Spans	-				

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

Road No: P63

Road Name: SALAY-GUINALABAN ROAD

Location: SALAY, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)					
Total Length	5.0 km					
Sub-section No.	1	2	3	4	5	6
Length (km)	.3	1.0	1.7	.9	1.0	.1
Terrain	Flat	Rolling	Mt'nous	Rolling	Mt'nous	Mt'nous
Existing Road Surface	4.3-PCC (Good)	3.0-GRV (Bad)	3.4-GRV (V.Bad)	3.4-EAR (V.Bad)	3.2-GRV (V.Bad)	4.3-PCC (Good)
Proposed Improvement	Widening	Rehabil.	Rehabil.	Impr.-1	Rehabil.	Widening
Improvement Type						
Surface Type	PCC	Gravel	Gravel	Gravel	Gravel	PCC
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	1.5	.5	.5	.5	.5	1.0
Ref. Typical Section	TYPE 4-1	TYPE 1-6	TYPE 1-6	TYPE 2-8	TYPE 1-6	TYPE 4-1
Special Treatment						
Steep Section Length	-	-	-	-	100	-
Bridge No.	BR-1		BR-2			
Existing Type	Bailey		RCBC			
Length (m)	66		4			
Proposed Type	-		-			
Length (m)	-		-			
No. of Spans	-		-			

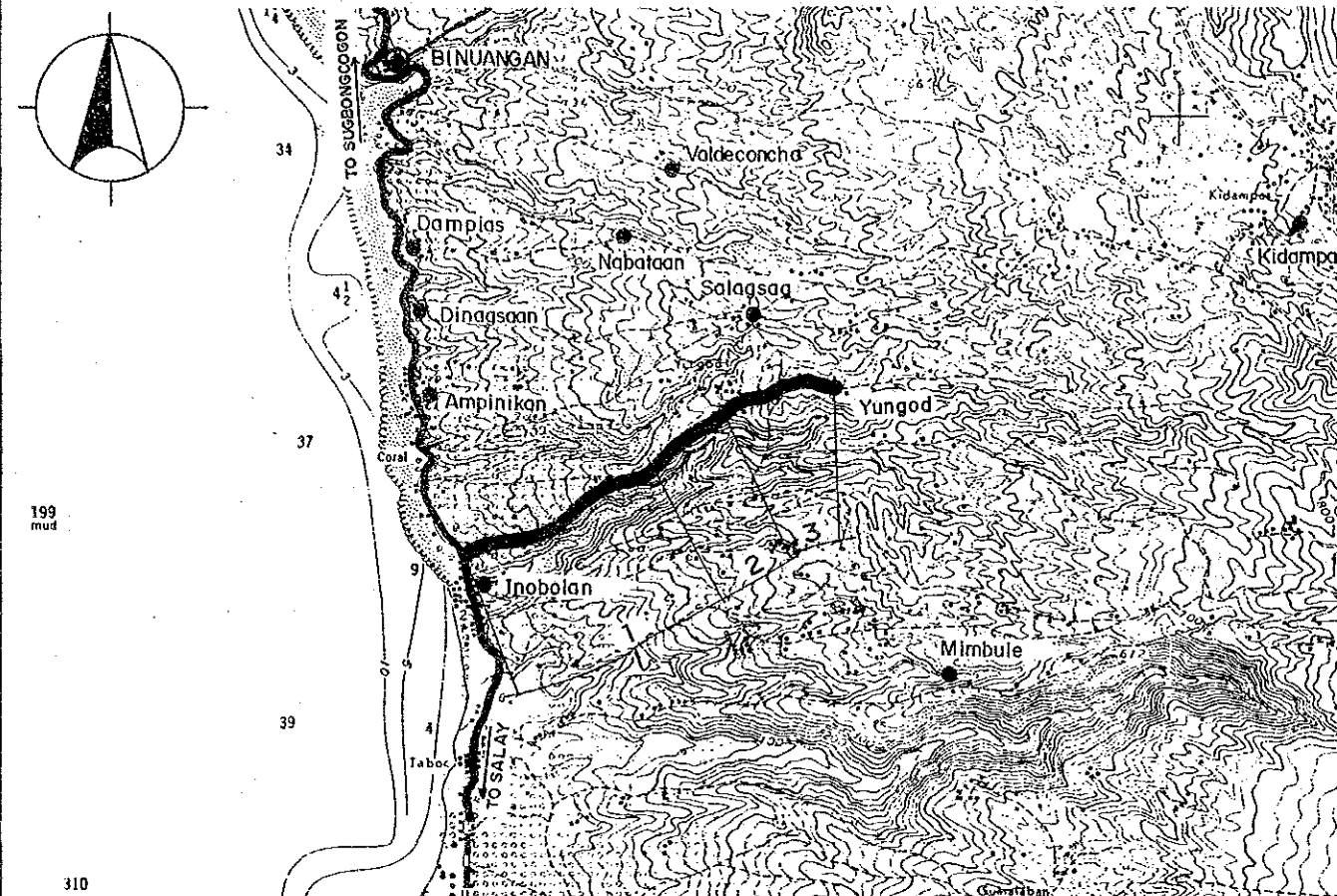
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Scale
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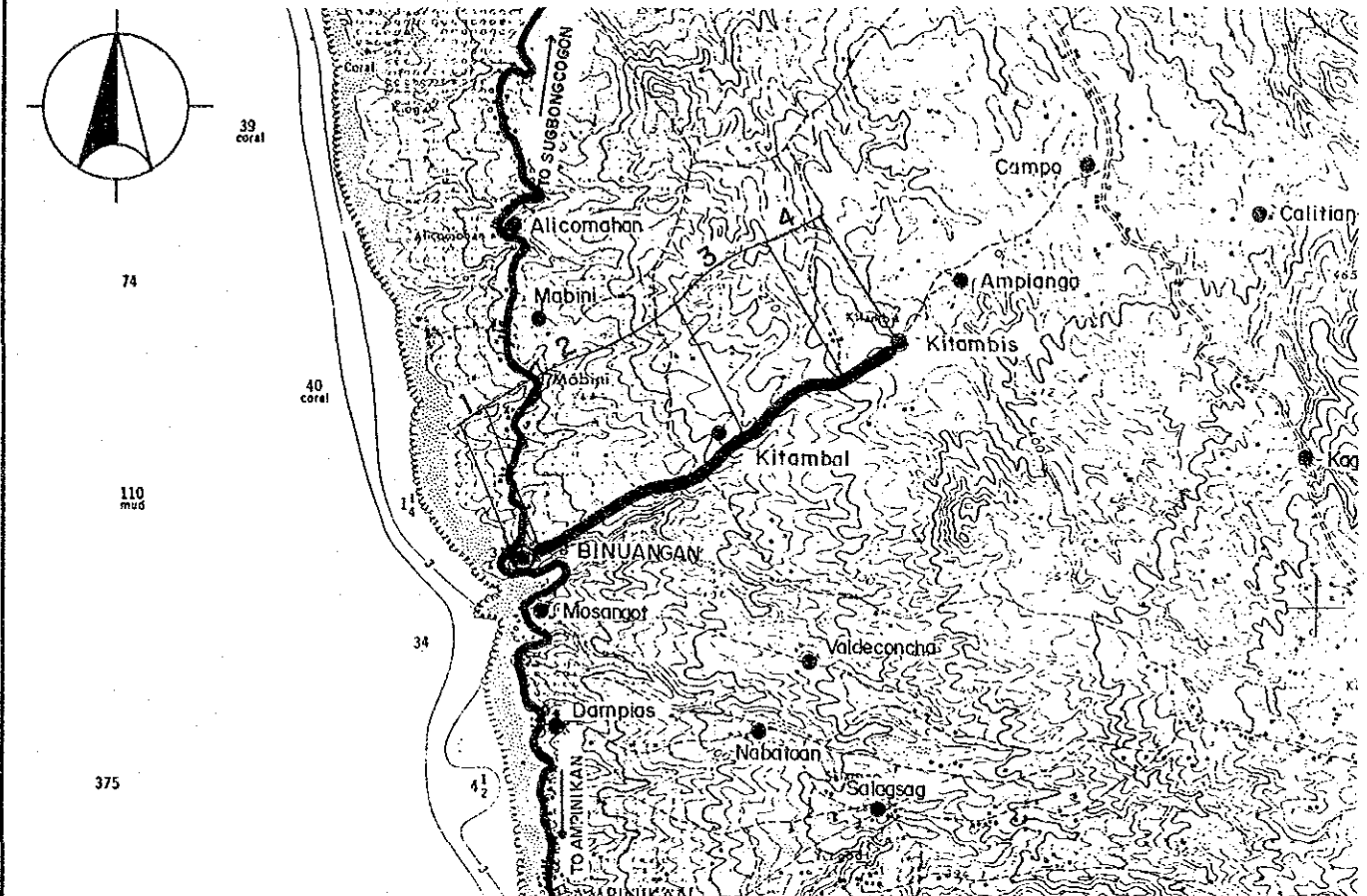
Drawing No.
36

Road No: P64 Road Name: JUNCTION-YUNGOD ROAD
Location : BINUANGAN, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)		
Total Length	2.9 km		
Sub-section No.	1	2	3
Length (km)	1.5	.6	.8
Terrain	Mt'nous	Rolling	Rolling
Existing Road Surface	3.2-EAR (V.Bad)	2.8-GRV (Bad)	3.0-EAR (V.Bad)
Proposed Improvement	Impr.-1 Rehabil. Impr.-1		
Improvement Type	Gravel Gravel Gravel		
Surface Type	Gravel Gravel Gravel		
Carriageway Width(m)	6.0	6.0	6.0
Shoulder Width (m)	.5	.5	.5
Ref. Typical Section	TYPE 2-8	TYPE 1-6	TYPE 2-8

Road No: P66 Road Name: BINUANGAN-KITAMBIS ROAD
Location : BINUANGAN, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)			
Total Length	3.0 km			
Sub-section No.	1	2	3	4
Length (km)	.2	1.6	.8	.4
Terrain	Rolling	Rolling	Rolling	Rolling
Existing Road Surface	4.0-PCC (Good)	2.8-GRV (Bad)	2.8-GRV (V.Bad)	2.2-GRV (V.Bad)
Proposed Improvement	Widening Rehabil. Rehabil. Rehabil.			
Improvement Type	PCC Gravel Gravel Gravel			
Surface Type	PCC Gravel Gravel Gravel			
Carriageway Width(m)	6.0	6.0	6.0	6.0
Shoulder Width (m)	1.0	.5	.5	.5
Ref. Typical Section	TYPE 4-1	TYPE 1-6	TYPE 1-6	TYPE 1-6

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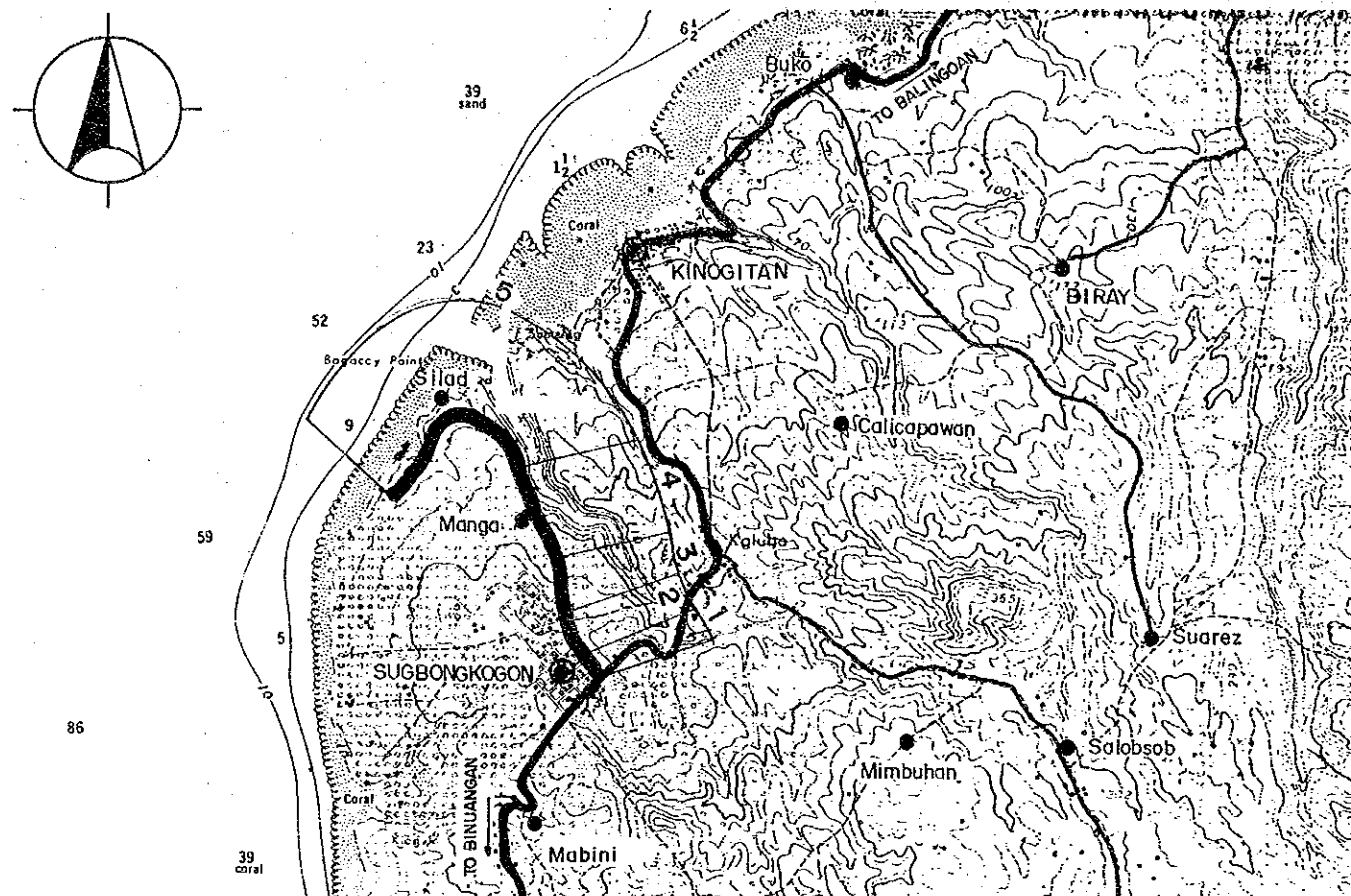
Drawing No.

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Road No: P67

Road Name: SUGBONGCOGON-SILAD ROAD

Location: SUGBONGCOGON, MISAMIS ORIENTAL



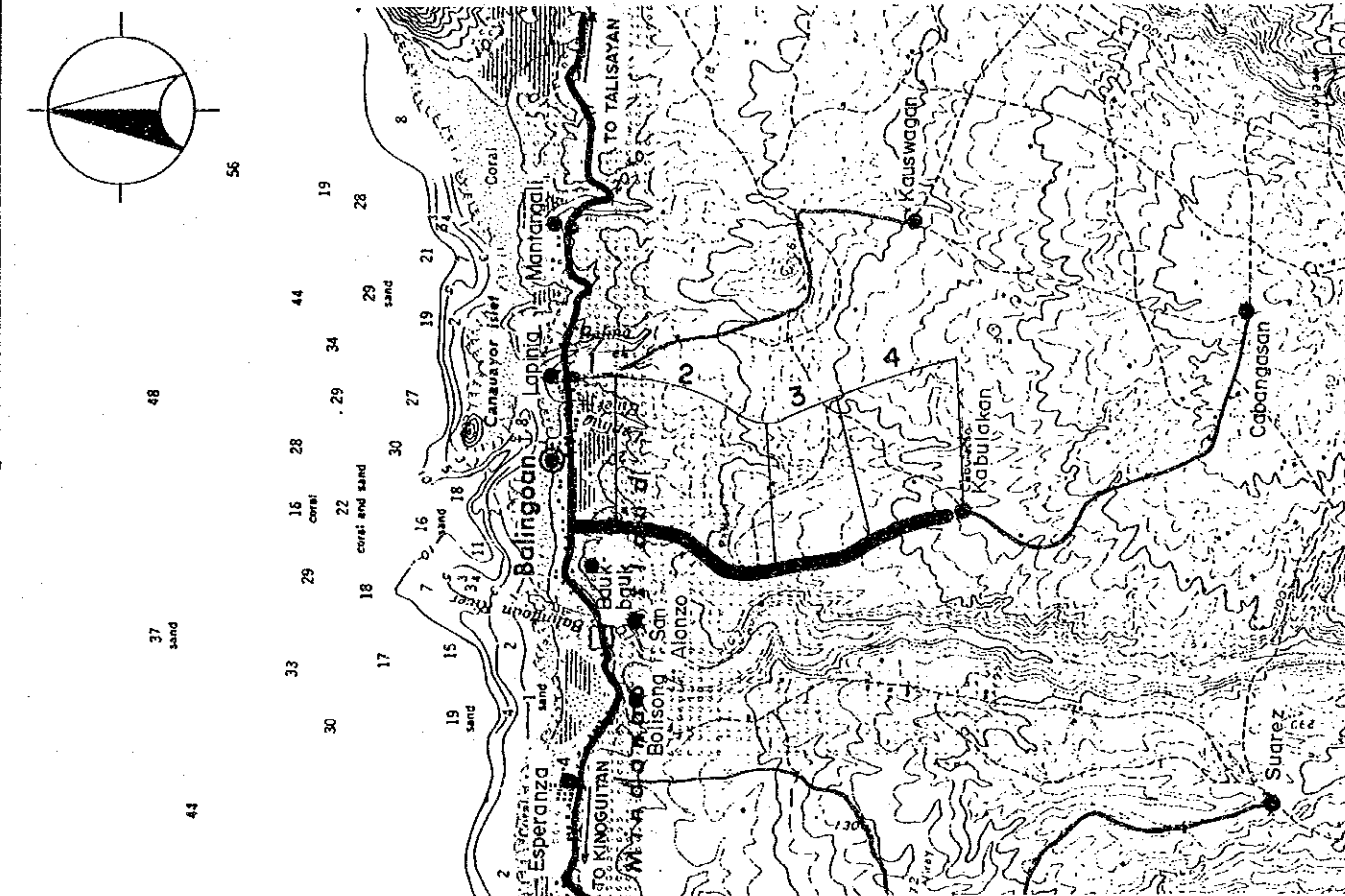
Road Classification	Minor Road (Provincial Road)				
Total Length	3.0 km				
Sub-section No.	1	2	3	4	5
Length (km)	.2	.3	.4	.7	1.4
Terrain	Flat	Flat	Rolling	Rolling	Rolling
Existing Road Surface	5.0-BTM (Bad)	5.0-PCC (Good)	3.5-BTM (V.Bad)	3.5-EAR (Bad)	3.2-GRV (V.Bad)
Proposed Improvement	Rehabil.	Widening	Rehabil.	Impr.-1	Rehabil.
Improvement Type					
Surface Type	* BMP	PCC	* BMP	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	1.5	1.5	1.0	.5	.5
Ref. Typical Section	TYPE 1-5	TYPE 4-1	TYPE 1-5	TYPE 2-8	TYPE 1-6

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

Road No: P74

Road Name: BALINGOAN-KABULAKAN ROAD

Location: BALINGOAN, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)			
Total Length	3.1 km			
Sub-section No.	1	2	3	4
Length (km)	.3	1.4	.7	.7
Terrain	Flat	Rolling	Rolling	Rolling
Existing Road Surface	5.1-PCC (Good)	3.9-GRV (Bad)	3.8-GRV (V.Bad)	2.8-GRV (V.Bad)
Proposed Improvement	Widening	Rehabil.	Rehabil.	Rehabil.
Improvement Type				
Surface Type	PCC	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0	6.0
Shoulder Width (m)	1.5	.5	.5	.5
Ref. Typical Section	TYPE 4-1	TYPE 1-6	TYPE 1-6	TYPE 1-6

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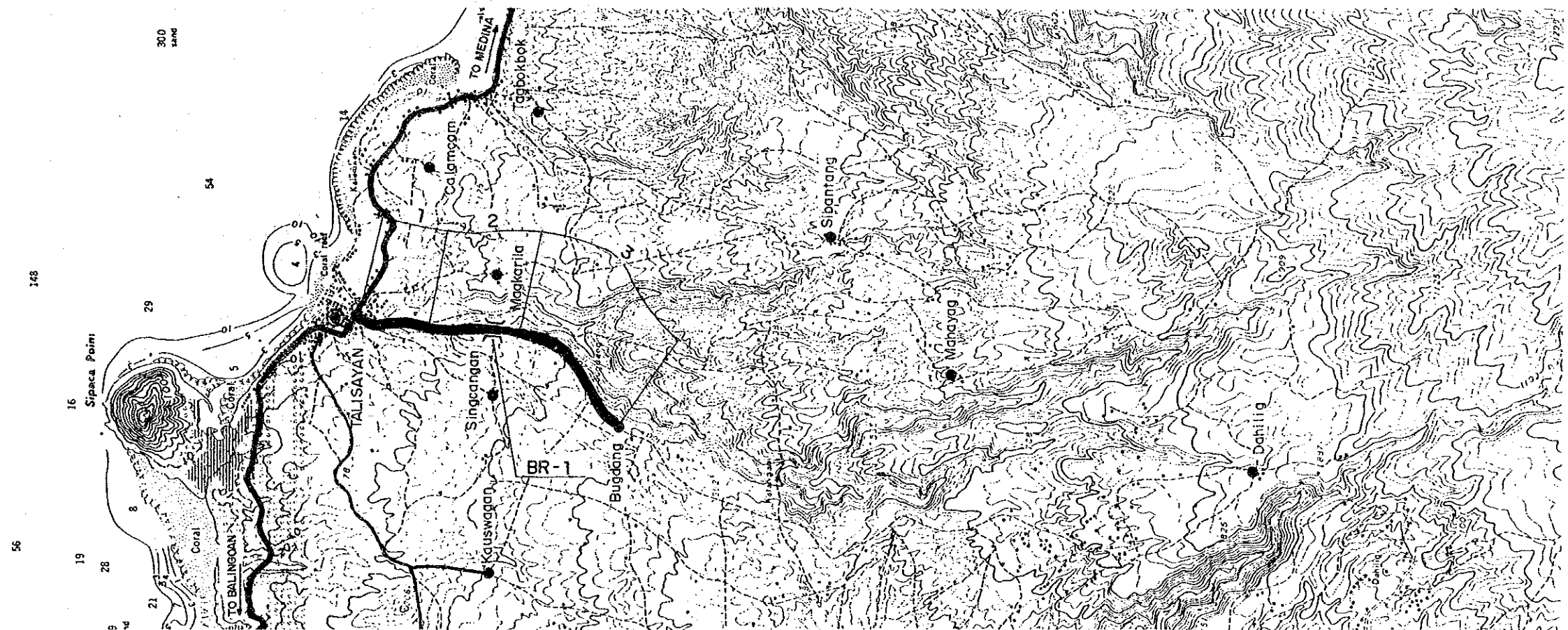
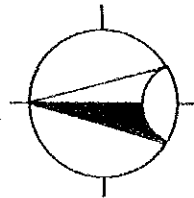
Drawing No.

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Road No: P77

Road Name: TALISAYAN-BAGDANG ROAD

Location: TALISAYAN, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)		
Total Length	3.0 km		
Sub-section No.	1	2	3
Length (km)	.8	.9	1.3
Terrain	Rolling	Rolling	Rolling
Existing Road Surface	3.4-GRV (Bad)	3.2-GRV (V.Bad)	4.0-EAR (Impass)
Proposed Improvement	Rehabil.	Rehabil.	Impr.-1
Improvement Type	Gravel	Gravel	Gravel
Surface Type	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0
Shoulder Width (m)	.5	.5	.5
Ref. Typical Section	TYPE 1-6	TYPE 1-6	TYPE 2-8
Bridge No.	BR-1		
Existing Type	Spillway		
Length (m)	25		
Proposed Type	-		
Length (m)	-		
No. of Spans	-		

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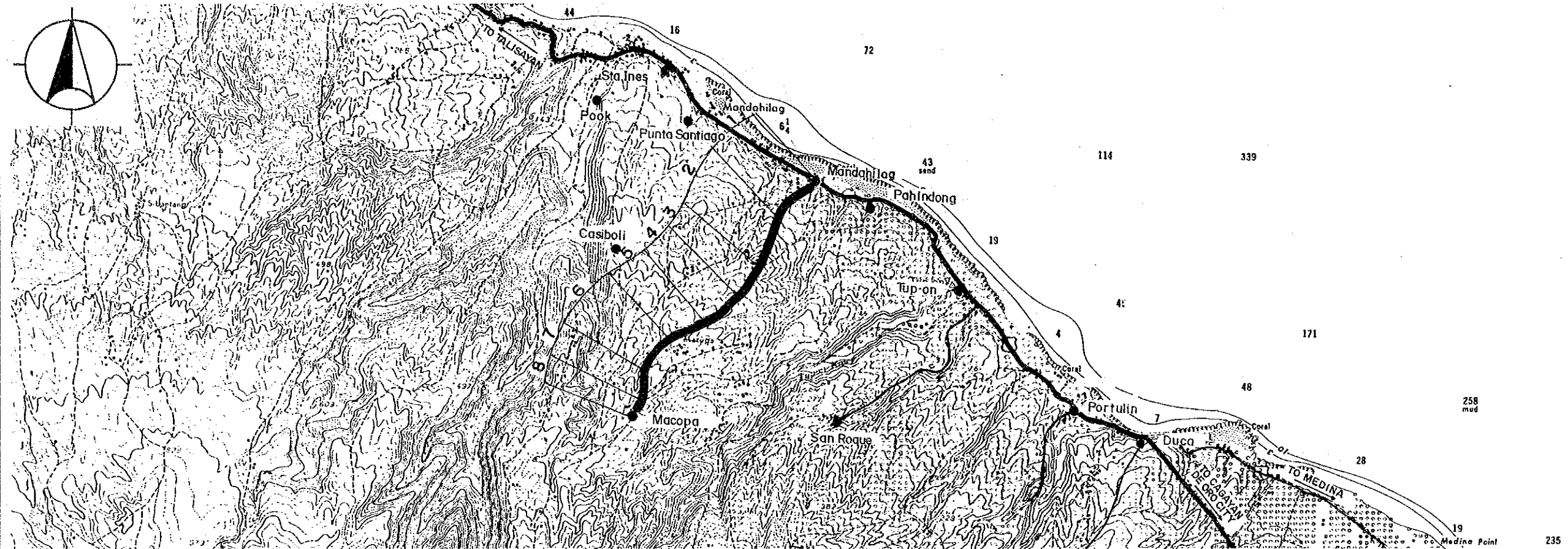
Drawing No.

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Road No: P79

Road Name: MANDAHILAG-MACOPA ROAD

Location: TALISAYAN, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)							
Total Length	3.4 km							
Sub-section No.	1	2	3	4	5	6	7	8
Length (km)	.6	.6	.4	.5	.4	.4	.3	.2
Terrain	Rolling	Mt'nous	Mt'nous	Mt'nous	Rolling	Rolling	Mt'nous	Rolling
Existing Road Surface	2.9-GRV (Bad)	2.2-GRV (Bad)	2.2-GRV (V.Bad)	2.2-EAR (V.Bad)	2.0-EAR (V.Bad)	2.4-EAR (V.Bad)	3.2-EAR (V.Bad)	3.2-EAR (V.Bad)
Proposed Improvement	Rehabil.	Rehabil.	Rehabil.	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1
Improvement Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	.5	.5	.5	.5	.5	.5	.5	.5
Ref. Typical Section	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8
Special Treatment	-	-	100	150	-	-	-	-
Steep Section Length	-	-	-	-	-	-	-	-

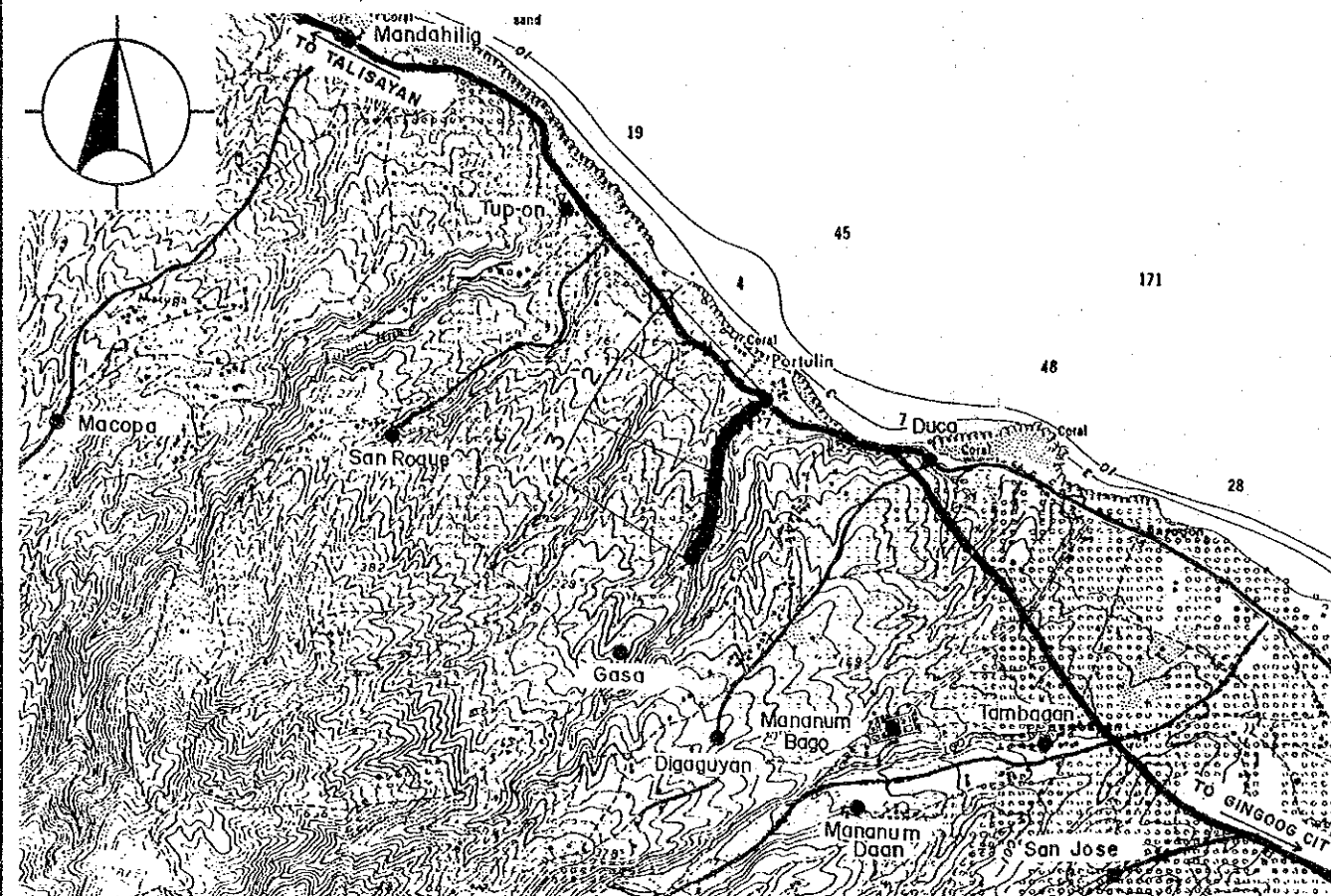
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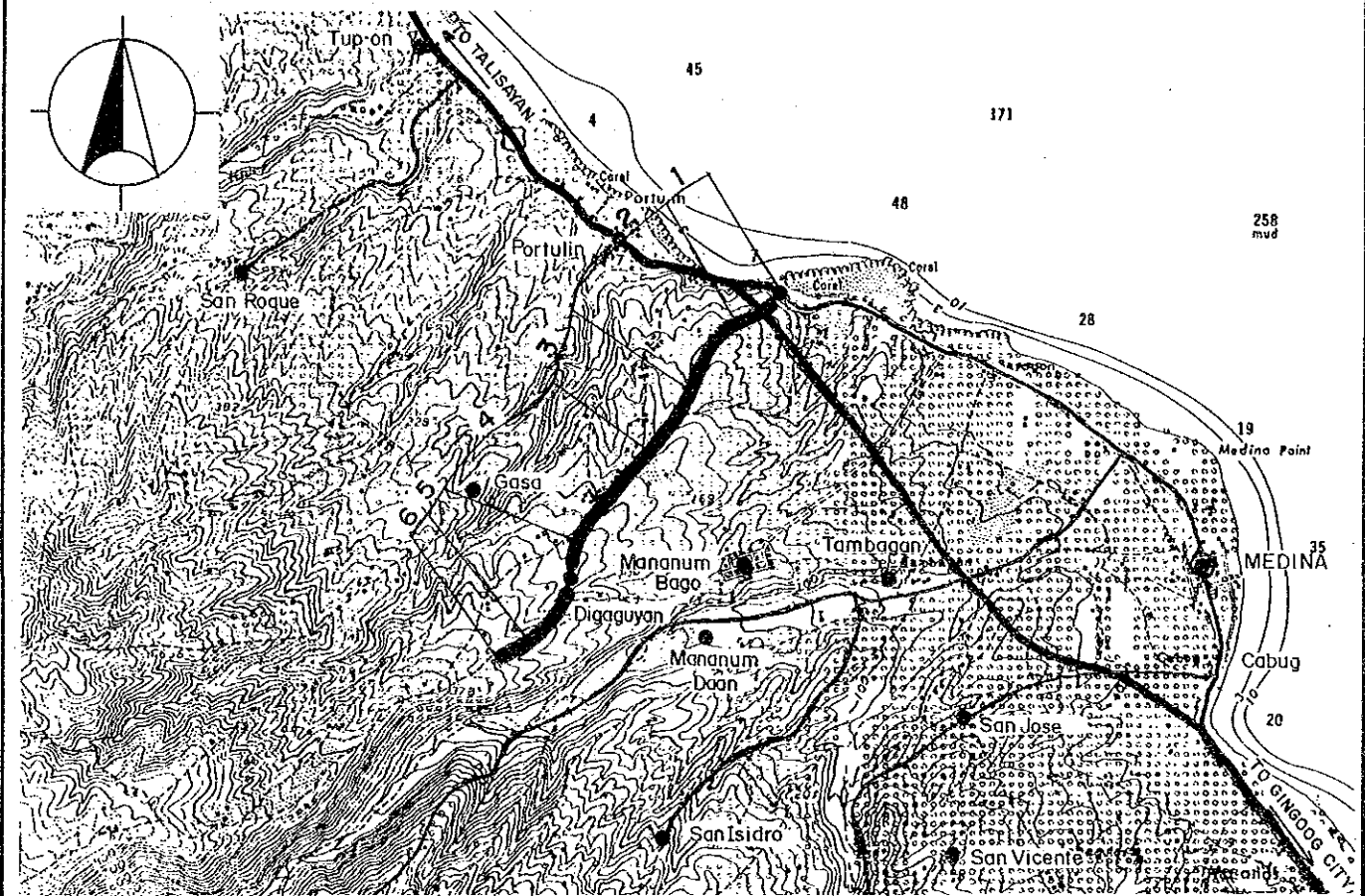
Drawing No.
40

Road No: P81 Road Name: PORTULIN-GASA ROAD
Location : MEDINA, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)		
Total Length	1.2 km		
Sub-section No.	1	2	3
Length (km)	.3	.3	.6
Terrain	Rolling	Rolling	Rolling
Existing Road Surface	2.4-GRV (Bad)	2.6-GRV (Bad)	2.8-GRV (Bad)
Proposed Improvement	Rehabil.	Rehabil.	Rehabil.
Improvement Type	Gravel	Gravel	Gravel
Surface Type	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0
Shoulder Width (m)	.5	.5	.5
Ref. Typical Section	TYPE 1-6	TYPE 1-6	TYPE 1-6

Road No: P82 Road Name: DUCA-DIG-AGUYAN ROAD
Location : MEDINA, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)					
Total Length	3.2 km					
Sub-section No.	1	2	3	4	5	6
Length (km)	.3	.6	.5	.8	.8	.2
Terrain	Rolling	Rolling	Rolling	Rolling	Flat	Rolling
Existing Road Surface	2.9-GRV (Bad)	2.9-GRV (V.Bad)	3.0-GRV (V.Bad)	3.2-GRV (V.Bad)	3.2-GRV (Fair)	3.2-GRV (Fair)
Proposed Improvement	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Widening	Widening
Improvement Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	.5	.5	.5	.5	1.0	.5
Ref. Typical Section	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 4-4	TYPE 4-4

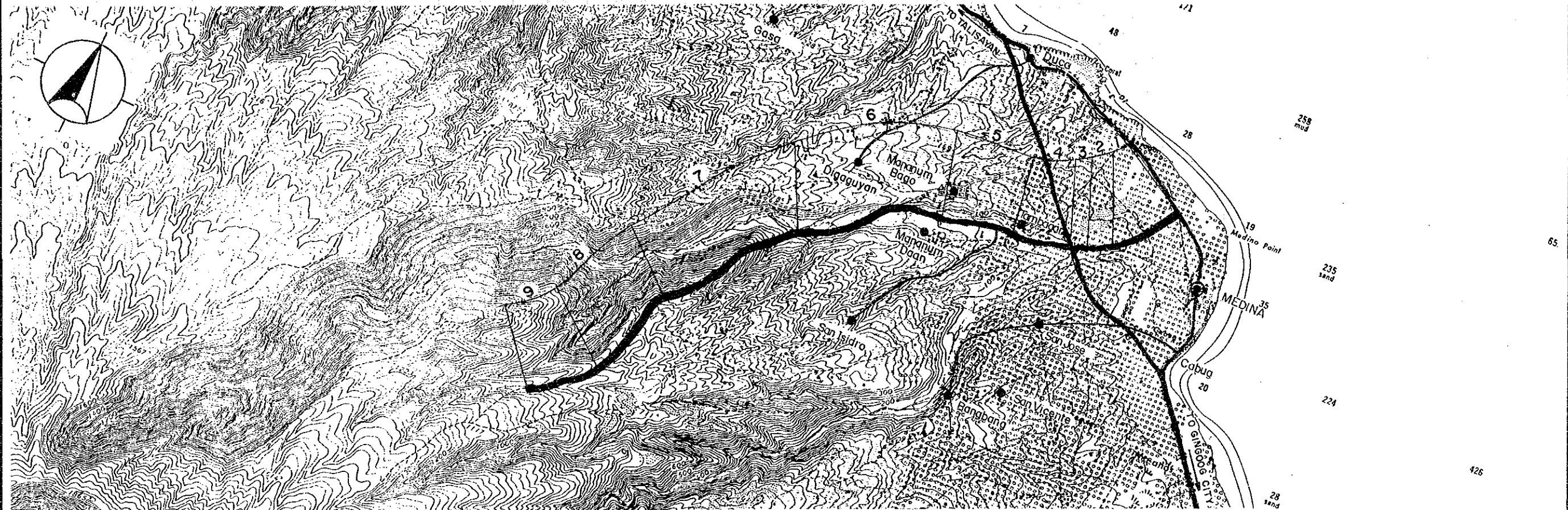
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Scale
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Drawing No.
41

Road No: P84 Road Name: MEDINA-BALAKBAKAN ROAD
Location : MEDINA, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)								
Total Length	9.0 km								
Sub-section No.	1	2	3	4	5	6	7	8	9
Length (km)	1.0	.3	.2	.7	.9	1.9	1.8	1.2	1.0
Terrain	Flat	Flat	Flat	Flat	Rolling	Mt'nous	Mt'nous	Rolling	Mt'nous
Existing Road Surface	5.2-BTM (Bad)	4.7-GRV (Bad)	5.2-PCC (Good)	2.8-GRV (Fair)	2.6-GRV (Bad)	2.8-GRV (Bad)	3.2-GRV (V.Bad)	3.2-GRV (V.Bad)	1.6-GRV (Impass)
Proposed Improvement	Rehabil.	Rehabil.	Widening	Widening	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.
Improvement Type	* BMP	Gravel	PCC	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type									
Carriageway Width(m)	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0
Shoulder Width (m)	1.5	1.0	1.5	1.0	.5	.5	.5	.5	.5
Ref. Typical Section	TYPE 1-5	TYPE 1-6	TYPE 4-1	TYPE 4-4	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6
Special Treatment									
Steep Section Length	-	-	-	-	-	300	540	360	-

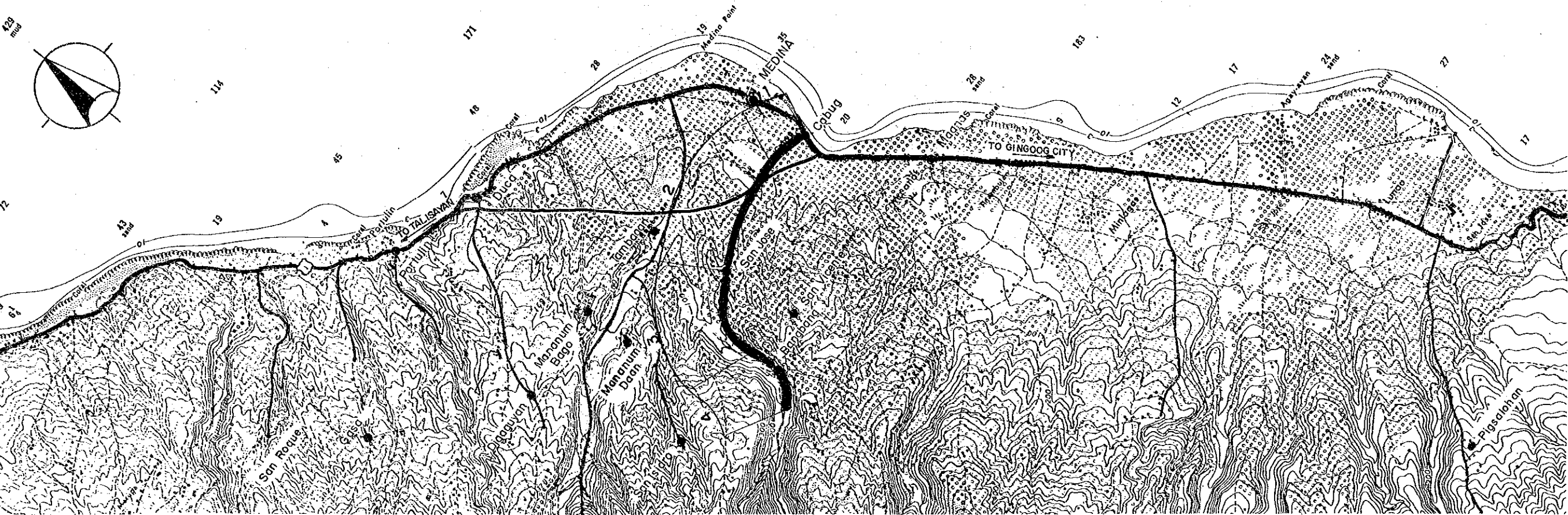
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Drawing No.
42

Road No: P85 Road Name: CABUG-SIDLAKAN ROAD
Location : MEDINA, MISAMIS ORIENTAL



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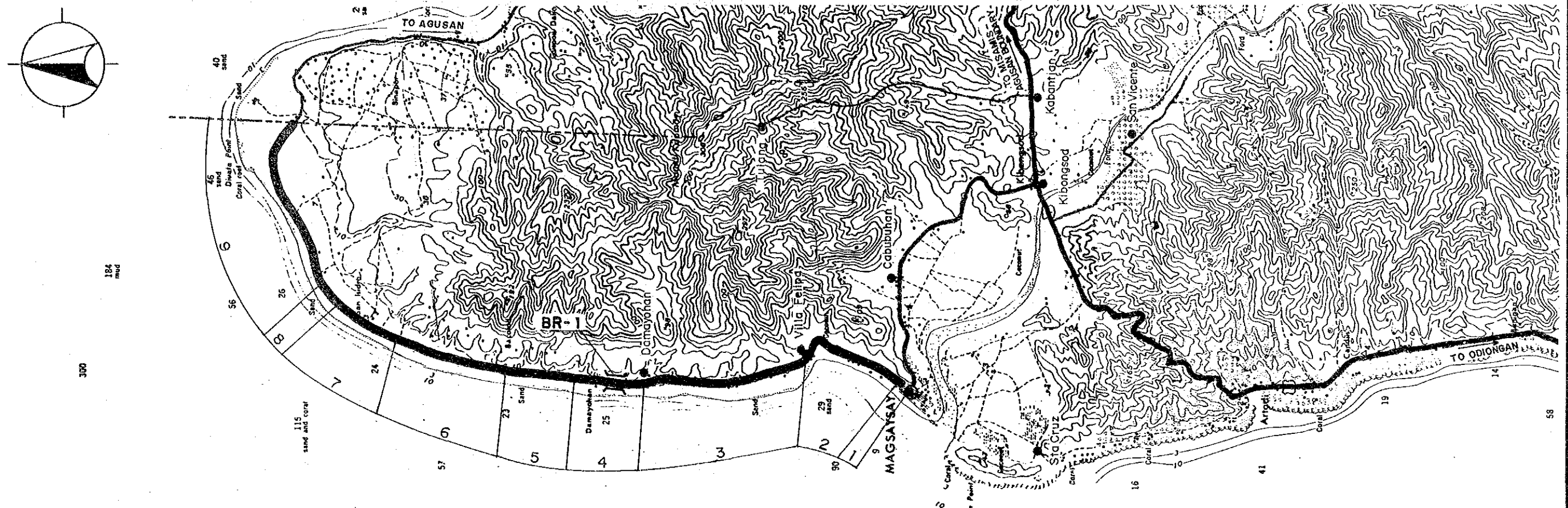
Drawing No.

43

Road No: P88-2

Road Name: MAGSAYSAY-BOUNDARY ROAD

Location: MAGSAYSAY, MISAMIS ORIENTAL



Road Classification	Minor Road (Provincial Road)								
Total Length	9.8 km								
Sub-section No.	1	2	3	4	5	6	7	8	9
Length (km)	.2	1.5	2.0	.8	.8	1.4	.8	.3	2.0
Terrain	Flat	Flat	Flat	Flat	Flat	Rolling	Rolling	Rolling	Rolling
Existing Road Surface	4.7-EAR (Bad)	4.0-GRV (Bad)	3.2-GRV (Bad)	3.6-GRV (Bad)	4.0-EAR (Bad)	2.6-EAR (Bad)	3.2-EAR (Bad)	4.0-BTM (V.Bad)	3.6-EAR (Bad)
Proposed Improvement	Impr.-1	Rehabil.	Rehabil.	Rehabil.	Impr.-1	Impr.-1	Impr.-1	Rehabil.	Impr.-1
Improvement Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	* BMP	Gravel
Surface Type									
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	1.0	1.0	1.0	1.0	1.0	.5	.5	1.0	.5
Ref. Typical Section	TYPE 2-8	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 1-5	TYPE 2-8
Bridge No.	BR-1								
Existing Type	Concrete								
Length (m)	12								
Proposed Type	-								
Length (m)	-								
No. of Spans	-								

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.